

Docket No.: IRD-0003
(PATENT) #4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiroshi MORIKAMA

Application No.: 10/521,355

Confirmation No.: 9323

Filed: January 14, 2005

Art Unit: N/A

For: PRINTING APPARATUS AND PROGRAM
THEREOF

Examiner: Not Yet Assigned

RESPONSE TO

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Notification Of Missing Requirements Under 35 U.S.C. 371
In The United States Designated/Elected Office (DO/EO/US) mailed on August 26, 2005.

The Notice contends that the current translation of the application into English is
defective because the text in the drawing figures has not been properly translated. A copy of this
Notice is provided along with this Response as ATTACHMENT A.

In response to this contention, an English translation of the specification was timely
filed on January 14, 2005. As an initial matter, the Notice fails to identify, with particularity, the
alleged text within the drawing figures found to be objectionable. In this regard, the Notice
lacks clarity. Clarification is respectfully requested.

In addition:

- Alphanumerical characters are found within Figures 1-3.

- Figure 4 is an example of 'jagged' bitmap data.
- Figure 5 presents an enlarged view of a jaggy.
- Figure 6 illustrates how the jaggy is eliminated.
- Figure 7 illustrates an overall picture.
- Figure 8 presents a printing example of bitmap data.
- Figure 9 presents an example of vector data.
- Alphanumerical characters are found within Figures 10-13.
- Figure 14 presents an example of 'jagged' bitmap data.
- Figure 15 presents an example of applying the data transformation rules.
- Figure 16 presents an example of bitmap data.
- Figure 17 is a block diagram of a printing apparatus.
- Figure 18 shows another variation of data transformation rules.
- Figure 19 shows original data before transformation.
- Figure 20 shows data to which the data transformation rules were applied during transformation.
- Figure 21 shows data to which the data transformation rules were not applied during transformation.
- Figure 22 presents an example of bitmap data before transformation.
- Figure 23 presents an example of bitmap data after transformation.

- Figure 24 presents an explanatory image on how the transformation takes place.
- Figure 25 presents a printing example of bitmap data in accordance with a prior art.

Pursuant to 37 C.F.R. §1.84(p)(2), "the English alphabet must be used for letters, except where another alphabet is customarily used, such as the Greek alphabet to indicate angles, wavelengths, and mathematical formulas."

Regarding Figures 19-21, these drawing figures show data regarding the data transformation rules. As a result, 37 C.F.R. §1.84(p)(2) is not applicable to Figures 19-21.

The drawing figures found within the above-identified application are believed to be sufficient for the understanding of the subject matter sought to be patented. Moreover, the material found to be objectionable within that figure has not been set forth with particularity. Clarification is respectfully requested.

In view of the explanation provided hereinabove, withdrawal of the Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) mailed on August 26, 2005 is respectfully requested.

No fee is believed required. If any fee is required or any overpayment made, the Commissioner is hereby authorized to charge the fee or credit the overpayment to Deposit Account # 18-0013.

Dated: September 21, 2005

Respectfully submitted,

By 

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ATTACHMENT A